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American Petroleum Institute
1220 L Street, Northwest
Washington, D.C. 20005

weekly statistical bulletin

FINANCE, ACCOUNTING AND STATISTICS DEPARTMENT
VOL. 69 For Week Ended November 18, 1988 NO. 46

SUMMARY*

(In Thousands of 42-gallon barrels per day except stocks which are in thousands of barrels)
(All data are estimates made by the API based on data from reporting companies)

	Current Week Ending: 11/18/88	Last Week Ending: 11/11/88	Last Year Week Ending: 11/20/87	Change From Last Week	Change From Last Year
Refinery Operations					
Input to crude oil distillation units	13,228	13,026	13,092	202	136
Operable capacity	15,922	15,922	15,697	0	225
Percent operated	83.1	81.8	83.4		
Motor Gasoline					
Total motor gasoline production	6,949	6,812	6,983	137	-34
Finished leaded motor gasoline production	1,226	1,150	1,661	76	-435
Finished unleaded motor gasoline production	5,723	5,662	5,322	61	401
Total motor gasoline stocks	218,609	212,007	219,133	6,602	-524
Finished leaded motor gasoline stocks	38,630	38,010	51,589	620	-12,959
Finished unleaded motor gasoline stocks	142,623	137,958	130,049	4,665	12,574
Jet Fuel Kerosine					
Jet fuel kerosine production	1,103	1,153	1,119	-50	-16
Jet fuel kerosine stocks	39,649	41,108	43,495	-1,459	-3,846
Distillate Fuel Oil					
Distillate fuel oil production	2,913	2,691	3,035	222	-122
Distillate fuel oil stocks	125,882	124,839	125,304	1,043	578
Residual Fuel Oil					
Residual fuel oil production	881	910	1,042	-29	-161
Residual fuel oil stocks	40,492	40,258	46,008	234	-5,516
Imports					
Crude oil imports	4,971	5,841	5,631	-870	-660
Product imports	3,349	2,419	1,801	930	1,548
Crude Oil Stocks					
Crude oil stocks	343,735	336,411	358,038	7,324	-14,303
Crude Supply Balance	1,314				

*See definitions on page 6

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U.S. REFINERY OPERATIONS

(Daily averages in thousands of 42-gallon barrels)

DISTRICT	Total Refinery Input	Crude Oil Runs to Distillation Units	Input to Crude Oil Distillation Units	Operable Capacity	% Operated
East Coast	1,400	1,175	1,198	1,380	86.8
Appal No. 1	107	100	101	107	94.4
DISTRICT 1 TOTAL	1,507	1,275	1,299	1,487	87.4
Ind., Ill., Ky.	2,073	1,983	1,994	2,254	88.5
Minn., Wisc., Daks.	314	309	309	312	99.0
Okla., Kans., Mo.	729	594	611	718	85.1
DISTRICT 2 TOTAL	3,116	2,886	2,914	3,284	88.7
Inland Texas	524	461	466	569	81.9
Texas Gulf Coast	3,281	2,917	2,917	3,580	81.5
La. Gulf Coast	2,480	2,299	2,343	2,908	80.6
N. La. and Ark.	218	186	189	252	75.0
New Mexico	89	70	70	76	92.1
DISTRICT 3 TOTAL	6,592	5,933	5,985	7,385	81.0
DISTRICT 4 TOTAL	479	442	443	535	82.8
DISTRICT 5 TOTAL	2,594*	2,533	2,587	3,231	80.1
TOTAL U.S.	14,288	13,069	13,228	15,922	83.1
TOTAL U.S. Weeks Ended:					
NOV. 11, 1988	13,950*	12,933	13,026	15,922	81.8
NOV. 20, 1987	14,180	12,963	13,092	15,697	83.4
DISTRICTS 1-4 Weeks Ended:					
NOV. 18, 1988	11,694	10,536	10,641	12,691	83.8
NOV. 11, 1988	11,409	10,415	10,500	12,691	82.7
NOV. 20, 1987	11,677	10,621	10,725	12,438	86.2

* See Revisions on Page 7.

API WEEKLY STATISTICAL BULLETIN

Week Ended November 18, 1988

U.S. REFINERY OUTPUT

(Daily averages in thousands of 42-gallon barrels)

DISTRICT	Total Motor Gasoline[1]	Motor Gasoline		Jet Fuel		Distillate Fuel Oil[2]	Residual Fuel Oil
		Finished Leaded	Finished Unleaded	Naphtha Type	Kerosine Type		
East Coast	614	45	569	43	59	310	123
Appal. No. 1	41	9	32	--	--	33	2
DISTRICT 1 TOTAL	655	54	601	43	59	343	125
Ind., Ill., Ky	1,152*	136	1,016*	9	112	397	77
Minn., Wisc., Daks.	176	47	129	1	9	92	8
Okla., Kans., Mo.	420	105	315	6	43	201	8
DISTRICT 2 TOTAL	1,748*	288	1,460*	16	164	690	93
Inland Texas	314	71	243	27	31	107	16
Texas Gulf Coast	1,665	201	1,464	19	56	665	172
La. Gulf Coast	1,060	209	851	33	282	462	109
N. La. and Ark.	59	7	52	6	2	52	10
New Mexico	50	16	34	5	1	19	--
DISTRICT 3 TOTAL	3,148	504	2,644	90	572	1,305	307
DISTRICT 4 TOTAL	254	89	165	14	27	121	11
DISTRICT 5 TOTAL	1,144	291	853	71	281	454	345
TOTAL U.S.	6,949	1,226	5,723	234	1,103	2,913	881
TOTAL U.S. Weeks Ended:							
NOV. 11, 1988	6,812*	1,150	5,662*	178	1,153	2,691	910
NOV. 20, 1987	6,983	1,661	5,322	224	1,119	3,035	1,042
DISTRICTS 1-4 Weeks Ended:							
NOV. 18, 1988	5,805	935	4,870	163	822	2,459	536
NOV. 11, 1988	5,670*	871	4,799*	123	852	2,266	510
NOV. 20, 1987	5,853	1,356	4,497	179	846	2,640	586

[1]Total motor gasoline is equal to the sum of finished leaded and finished unleaded motor gasoline.

[2]Includes Grade No. 4 fuel oil.

* See Revisions on Page 7.

STOCKS OF SELECTED PRODUCTS
(In thousands of 42-gallon barrels)

DISTRICT	Total Motor Gasoline[1]	Motor Gasoline			Jet Fuel		Distillate Fuel Oil[2]	Residual Fuel Oil	Unfinished Oils
		Finished Leaded	Finished Unleaded	Blending Components	Naphtha Type	Kerosine Type			
New England	3,242	190	3,051	1	128	381	8,598	827	--
Central Atlantic	26,532	2,857	18,988	4,687	673	4,461	32,730	13,438*	11,458
Lower Atlantic	30,528	5,289	24,930	309	453	5,114	15,190	3,202*	355
DISTRICT 1 TOTAL	60,302	8,336	46,969	4,997	1,254	9,956	56,518	17,467*	11,813
DISTRICT 2 TOTAL	58,985*	12,711	38,771*	7,503*	571	8,078	28,052*	2,748	17,284
DISTRICT 3 TOTAL	63,741	9,314	39,090	15,337	2,213	14,081	27,403	11,354	52,053
DISTRICT 4 TOTAL	6,308	1,964	2,730	1,614	351	788	2,519	610	1,962
DISTRICT 5 TOTAL	29,273	6,305	15,063	7,905	1,979	6,746	11,390	8,313	27,843
TOTAL U.S.	218,609	38,630	142,623	37,356	6,368	39,649	125,882	40,492	110,955
TOTAL U.S. Weeks Ended:									
NOV. 11, 1988	212,007*	38,010	137,958*	36,039*	6,434	41,108	124,839*	40,258*	110,778
NOV. 20, 1987	219,133	51,589	130,049	37,495	6,703	43,495	125,304	46,008	100,456
DISTRICTS 1-4 Weeks Ended:									
NOV. 18, 1988	189,336	32,325	127,560	29,451	4,389	32,903	114,492	32,179	83,112
NOV. 11, 1988	183,470*	31,898	123,065*	28,507*	4,398	33,469	113,459*	32,046*	82,766
NOV. 20, 1987	190,742	44,852	115,475	30,415	5,112	36,431	114,630	36,474	75,931

[1]Total motor gasoline stocks is equal to the sum of finished leaded stocks, finished unleaded stocks and motor gasoline blending components.

[2]Includes Grade No. 4 fuel oil.

* See Revisions on Page 7.

WEEKLY STATISTICAL BULLETIN
Week Ended November 18, 1988

ESTIMATED DOMESTIC PRODUCTION OF CRUDE OIL (INCLUDING LEASE CONDENSATE), IMPORTS, CRUDE OIL SUPPLY BALANCE AND STOCKS OF CRUDE OIL

(In thousands of 42-gallon barrels)

Weeks Ended:	Estimated Domestic Production[1] API Monthly	Estimated Domestic Production[1] Latest Dept. of Energy June 1988	Crude Oil Imports[1] Total	Crude Oil Imports[1] From Canada	Crude Oil Stocks By Location[1]
	Daily Average				
DISTRICTS 1-4 TOTAL					
NOV. 18, 1988	4,935.0	5,079.0	4,676	654	262,661
NOV. 11, 1988	4,935.0	--	5,642*	751	255,685*
NOV. 4, 1988	4,949.0	--	5,871	713	257,365
OCT. 28, 1988	4,949.0	--	4,827	698	251,085
DISTRICT 5 TOTAL					
NOV. 18, 1988	3,097.0	3,059.0	295	26	81,074 #
NOV. 11, 1988	3,097.0	--	199	8	80,726
NOV. 4, 1988	3,085.0	--	242	7	81,928
OCT. 28, 1988	3,085.0	--	163	--	82,177
TOTAL U.S.					
NOV. 18, 1988	8,032.0	8,138.0	4,971	680	343,735 #
NOV. 11, 1988	8,032.0	--	5,841*	759	336,411*
NOV. 4, 1988	8,034.0	--	6,113	720	339,293
OCT. 28, 1988	8,034.0	--	4,990	698	333,262
NOV. 20, 1987	8,397.0 a/	--	5,631	607	358,038

#INCLUDES 25,394 BBLS. OF ALASKAN CRUDE OIL IN TRANSIT BY WATER.

a/ DOE actual for November 1987.

DAILY AVERAGE CRUDE OIL SUPPLY BALANCE[1] (In thousands of 42-gallon barrels)

Week Ended:	Current	1987 Averages Absolute	Positive	Negative
NOV. 18, 1988	1,314	468	550	-334

LOCATION OF CRUDE OIL STOCKS[1]

(In thousands of 42-gallon barrels)

Location	District 1	District 2	District 3	District 4	Districts 1-4	District 5	Total U.S.
Weeks Ended:							
NOV. 18, 1988	16,573	69,991	164,054	12,043	262,661	81,074 #	343,735 #
NOV. 11, 1988	17,546	68,160	158,329*	11,650	255,685*	80,726	336,411*
NOV. 20, 1987	16,670	71,470	171,905	12,868	272,913	85,125	358,038

[1] See definitional notes. Page 6

See Revisions on Page 7.

IMPORTS OF PETROLEUM PRODUCTS

(Daily averages in thousands of 42-gallon barrels)

DISTRICT	Total Motor Gasoline[1]	Motor Gasoline Finished Leaded	Motor Gasoline Finished Unleaded	Gasoline[2] Blending Components	Jet Fuel Naphtha Type	Jet Fuel Kerosine Type	Distillate Fuel Oil[3]	Residual Fuel Oil	L.P.G.	Unfinished Oils	Other	Total
New England	144	--	144	--	--	--	55	252	--	--	--	451
Central Atlantic	489	13	476	96	--	62	335	494	42	156	130	1,804
Lower Atlantic	63	--	63	--	--	--	--	73	--	--	23	159
DISTRICT 1 TOTAL												
NOV. 18, 1988	696	13	683	96	--	62	390	819	42	156	153	2,414
NOV. 11, 1988	443	3	440	69	--	35	239	648	75	79	59	1,647
NOV. 4, 1988	279	9	270	58	--	40	337	816	40	139	88	1,797
OCT. 28, 1988	403	--	403	121	--	60	351	567	56	73	165	1,796
DISTRICTS 2-4 TOTAL												
NOV. 18, 1988	17	--	17	--	3	14	18	31	307	376	80	846
NOV. 11, 1988	15	--	15	--	3	--	8	51	236	255	153	721
NOV. 4, 1988	10	--	10	2	3	15	15	42	299	433	38	857
OCT. 28, 1988	13	--	13	--	3	14	12	26	208	165	171	612
DISTRICT 5 TOTAL												
NOV. 18, 1988	40	--	40	--	--	25	3	8	12	1	--	89
NOV. 11, 1988	30	--	30	--	--	--	2	7	12	--	--	51
NOV. 4, 1988	28	3	25	--	--	13	3	7	14	--	--	65
OCT. 28, 1988	25	--	25	--	--	24	2	7	25	--	--	83
TOTAL U.S.	753	13	740	96	3	101	411	858	361	533	233	3,349
TOTAL U.S. Weeks Ended:												
NOV. 11, 1988	488	3	485	69	3	35	249	706	323	334	212	2,419
NOV. 4, 1988	317	12	305	60		68	355	865	353	572	126	2,719
OCT. 28, 1988	441	--	441	121	3	98	365	600	289	238	336	2,491
NOV. 20, 1987	464	52	412	54	3	26	167	440	217	165	265	1,801

[1]Total motor gasoline imports is equal to the sum of finished leaded imports and finished unleaded imports.

[2]Gasoline blending components are not included in total motor gasoline imports.

[3]Includes Grade No. 4 fuel oil.

DEFINITIONAL NOTES

Page 3—Stocks of Selected Products

The inventories shown are stocks located at refineries, bulk terminals, and in pipelines and include stocks held by independent bulk terminal operators. These inventories include stocks not available for shipment, those available for current shipment, and those held in reserve for shipment during the high consuming season as a supplement to then current production. Stocks not available are those required for processing, held in tank bottoms, in pipeline fill, and in other equipment in order to assure continuous operations.

Stocks of unleaded and leaded motor gasoline represent only finished motor gasoline located at refineries, pipelines and bulk terminals. A large portion of motor gasoline stocks at refineries consists of components which may be blended or compounded to produce either finished leaded or unleaded motor gasoline. Consequently, these stocks cannot be classified as either finished leaded or unleaded motor gasoline. The sum of finished leaded and unleaded motor gasoline stocks plus the components stocks equals total motor gasoline stocks.

Pages 3 and 5—Stocks and Imports of Petroleum Products

District 1 is composed of three areas which are described by the Department of Energy as follows:

New England—Maine, New Hampshire, Vermont, Massachusetts, Rhode Island, and Connecticut.
Central Atlantic—New York, New Jersey, Pennsylvania, Delaware, Maryland, and the District of Columbia.
Lower Atlantic—Virginia, West Virginia, North Carolina, South Carolina, Georgia, and Florida.

Page 4—Estimated Domestic Production

Monthly production represents an API estimate as of the first week of the month. This estimate may be revised at a subsequent date as more current information is received.

Crude Oil Imports

Crude oil (includes lease condensate) produced outside the 50 states. Material from the Athabasca tar sands is included.
Reported on a Port of Entry basis.
The Total of crude oil imports includes those from Canada.
Data do not include oil imported for the Strategic Petroleum Reserve.

Crude Oil Stocks by Location

Producer's stocks on leases are included.
Data do not include crude oil stocks held in the Strategic Petroleum Reserve.

Crude Supply Balance

Crude Supply Balance is the arithmetic difference, expressed in MB/D, between those factors that make up the availability of crude oil (Supply), i.e., estimated domestic crude oil production plus imports plus or minus the change in crude oil stocks, and those factors that convert or consume crude oil (Disposition), i.e., crude oil refinery inputs, exports, product supplied (used directly as fuel) and losses. A negative volume indicates a supply greater than disposition while a positive number indicates insufficient supply to balance.

Pages 4 and 5—Imports of Crude Oil and Petroleum Products

The estimates of imports published by the API are based on data supplied by reporting companies. These data exclude imports into Puerto Rico and the Virgin Islands but included shipments from Puerto Rico and the Virgin Islands to the U.S. mainland as imports. API classifies all withdrawals from bonded storage as imports.

INTERPRETIVE NOTES

Definitions used by the API throughout the Weekly Statistical Bulletin are the same as those used by the Department of Energy in its monthly and annual Petroleum Statements.

Unleaded gasoline is gasoline containing not more than 0.05 gram of lead per gallon and not more than 0.005 gram of phosphorous per gallon.

Data presented in the Bulletin are for the week ended 7 a.m. Friday. The date specified should not be considered as part of that week when calculating a month's total for production or the interpolation of a month's-end stock figure as of midnight of the last day of the month. *Example: a stock figure for a week ended 7 a.m. on the first of the month should be considered to be as of midnight of the previous month's last day.*

Totals for the U.S. published in the Bulletin exclude data for Puerto Rico, Virgin Islands, and other non-contiguous territories.

Data published in the Weekly Statistical Bulletin are estimates made by the API Finance, Accounting and Statistics Department based on data collected from reporting companies.

Data for the corresponding week of last year are from the published Bulletin for that week and are not adjusted to reflect subsequently published DOE monthly data. Final monthly data are available in the DOE, Petroleum Supply Annual.

API STATISTICAL BULLETIN
WEEK ENDED: NOV. 18, 1988

REVISIONS

11/11/88	PAGE 1	TOTAL REFINERY INPUT	DISTRICT 5 TOTAL	2,541
			TOTAL U.S.	13,950
	PAGE 2	TOTAL MGAS	IND., ILL., KY	1,148
			DISTRICT 2 TOTAL	1,668
			TOTAL U.S.	6,812
			DISTRICTS 1-4	5,670
		UNLEADED MGAS	IND., ILL., KY	997
			DISTRICT 2 TOTAL	1,394
			TOTAL U.S.	5,662
			DISTRICTS 1-4	4,799
	PAGE 3	TOTAL MGAS	DISTRICT 2 TOTAL	57,159
			TOTAL U.S.	212,007
			DISTRICTS 1-4	183,470
		UNLEADED MGAS	DISTRICT 2 TOTAL	37,831
			TOTAL U.S.	137,958
			DISTRICTS 1-4	123,065
		BLENDING COMPS	DISTRICT 2 TOTAL	7,337
			TOTAL U.S.	36,039
			DISTRICTS 1-4	28,507
		DISTILLATE FUEL	DISTRICT 2 TOTAL	27,908
			TOTAL U.S.	124,839
			DISTRICTS 1-4	113,459
		RESIDUAL FUEL	CENTRAL ATLANTIC	13,122
			LOWER ATLANTIC	3,245
			DISTRICT 1 TOTAL	17,194
			TOTAL U.S.	40,258
			DISTRICTS 1-4	32,046
	PAGE 4 T	TOTAL CRUDE OIL IMPORTS	DISTRICTS 1-4 TOTAL	5,642
			TOTAL U.S.	5,841
		CRUDE OIL STOCKS	DISTRICTS 1-4 TOTAL	255,685
			TOTAL U.S.	336,411
	PAGE 4 B	TOTAL	PAD DISTRICT 3	158,329
			TOTAL PAD DISTRICTS 1-4	255,685
			TOTAL U.S.	336,411